
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Fri Jun 08 10:09:29 EDT 2007

Validated By CRFValidator v 1.0.2

Application No: 10814634 Version No: 2.0

Input Set:

Output Set:

Started: 2007-06-05 17:51:03.653

Finished: 2007-06-05 17:51:04.895

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 242 ms

Total Warnings: 21
Total Errors: 0

No. of SeqIDs Defined: 32

Actual SeqID Count: 32

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(21)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(22)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(23)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(24)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(25)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(26)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(27)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(31)

Input Set:

Output Set:

Started: 2007-06-05 17:51:03.653

Finished: 2007-06-05 17:51:04.895

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 242 ms

Total Warnings: 21

Total Errors: 0

No. of SeqIDs Defined: 32

Actual SeqID Count: 32

Error code Error Description

This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Tania KASTELIC Dominque CHENEVAL

<120> ASSAY FOR IDENTIFYING COMPOUNDS WHICH AFFECT STABILITY OF mRNA

<130> 608352000100 <140> 10814634 <141> 2004-04-01 <150> US 10/814,634 <151> 2004-04-01 <150> US 09/869,159 <151> 1999-12-23 <150> GB 9288709.7 <151> 1998-12-24 <160> 32 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 1105 <212> DNA <213> Homo sapiens <400> 1 gcggccgcca cagcagcctc tgaagttgga cagcaaaacc attgcttcac tacccatcgg 60 tgtccattta tagaataatg tgggaagaaa caaacccgtt ttatgattta ctcattatcg 120 ccttttgaca gctgtgctgt aacacaagta gatgcctgaa cttgaattaa tccacacatc 180 agtaatgtat totatototo tttacatttt ggtototata ctacattatt aatgggtttt 240 gtgtactgta aagaatttag ctgtatcaaa ctagtgcatg aatagattct ctcctgatta 300 tttatcacat agccccttag ccagttgtat attattcttg tggtttgtga cccaattaag 360 tectaettta catatgettt aagaategat gggggatget teatgtgaae gtgggagtte 420 agctgcttct cttgcctaag tattcctttc ctgatcacta tgcattttaa agttaaacat 480 ttttaagtat ttcagatgct ttagagagat ttttttttcc atgactgcat tttactgtac 540 agattgctgc ttctgctata tttgtgatat aggaattaag aggatacaca cgtttgtttc 600 ttcgtgcctg ttttatgtgc acacattagg cattgagact tcaagctttt ctttttttgt 660 ccacgtatct ttgggtcttt gataaagaaa agaatccctg ttcattgtaa gcacttttac 720 ggggcgggtg gggaggggtg ctctgctggt cttcaattac caagaattct ccaaaacaat 780 tttctgcagg atgattgtac agaatcattg cttatgacat gatcgctttc tacactgtat 840 tacataaata aattaaataa aataaccccg ggcaagactt ttctttgaag gatgactaca 900

gacattaaat aatcgaagta attttgggtg gggagaagag gcagattcaa ttttctttaa 960 ccagtctgaa gtttcattta tgatacaaaa gaagatgaaa atggaagtgg caatataagg 1020 ggatgaggaa ggcatgcctg gacaaaccct tcttttaaga tgtgtcttca atttgtataa 1080

1105

<210> 2

<211> 904

aatggtgttt tcatgtagcg gccgc

<212> DNA

<400> 2 qcqqccqctq aaqtcaacat qcctqcccca aacaaatatq caaaaqqttc actaaaqcaq 60 tagaaataat atgcattgtc agtgatgtac catgaaacaa agctgcaggc tgtttaagaa 120 aaaataacac acatataaac atcacacaca cagacagaca cacacacaca caacaattaa 180 cagtetteag geaaaacgte gaateageta tttactgeea aagggaaata teatttattt 240 tttacattat taagaaaaaa agatttattt atttaagaca gtcccatcaa aactcctgtc 300 tttggaaatc cgaccactaa ttgccaagca ccgcttcgtg tggctccacc tggatgttct 360 gtgcctgtaa acatagattc gctttccatg ttgttggccg gatcaccatc tgaagagcag 420 acggatggaa aaaggacctg atcattgggg aagctggctt tetggctgct ggaggctggg 480 gagaaggtgt tcattcactt gcatttcttt gccctggggg ctgtgatatt aacagaggga 540 gggtteetgt ggggggaagt ceatgeetee etggeetgaa gaagagaete titgeatatg 600 actcacatga tgcatacctg gtgggaggaa aagagttggg aacttcagat ggacctagta 660 cccactgaga tttccacgcc gaaggacagc gatgggaaaa atgcccttaa atcataggaa 720 agtatttttt taagctacca attgtgccga gaaaagcatt ttagcaattt atacaatatc 780 atccagtacc ttaagccctg attgtgtata ttcatatatt ttggatacgc accccccaac 840 tcccaatact ggctctgtct gagtaagaaa cagaatcctc tggaacttga ggaagtgcgg 900 ccqc 904 <210> 3 <211> 710 <212> DNA <213> Homo sapiens <400> 3 gcggccgctg aagtcaacat gcctgcccca aacaaatatg caaaaggttc actaaagcag 60 tagaaataat atgcattgtc agtgatgtac catgaaacaa agctgcaggc tgtttaagaa 120 aaaataacac acatataaac atcacacaca cagacagaca cacacacac caacaattaa 180 cagtetteag geaaaacgte gaateageta tttactgeea aagggaaata teatttattt 240 tttacattat taaqaaaaaa agatttattt atttaagaca gtcccatcaa aactcctgtc 300 tttggaaatc cgaccactaa ttgccaagca ccgcttcgtg tggctccacc tggatgttct 360 gtgcctgtaa acatagattc gctttccatg ttgttggccg gatcaccatc tgaagagcag 420 acggatggaa aaaggacctg atcattgggg aagctggctt tctggctgct ggaggctggg 480 gagaaggtgt tcattcactt gcatttcttt gccctggggg ctgtgatatt aacagaggga 540 qqqttcctqt qqqqqaaqt ccatqcctcc ctqqcctqaa qaaqaqactc tttqcatatq 600 actcacatga tgcatacctg gtgggaggaa aagagttggg aacttcagat ggacctagta 660 710 cccactgaga tttccacgcc gaaggacagc gatgggaaaa atgcggccgc <210> 4 <211> 688 <212> DNA <213> Homo sapiens <400> 4 geggeegete ggagettttt tgeeetgegt gaeeagatee eggagttgga aaacaatgaa 60 aaggccccca aggtagttat ccttaaaaaa gccacagcat acatcctgtc cgtccaagca 120 gaggagcaaa agctcatttc tgaagaggac ttgttgcgga aacgacgaga acagttgaaa 180 cacaaacttg aacagctacg gaactcttgt gcgtaaggaa aagtaaggaa aacgattcct 240 tctgacagaa atgtcctgag caatcaccta tgaacttgtt tcaaatgcat gatcaaatgc 300 aacctcacaa ccttggctga gtcttgagac tgaaagattt agccataatg taaactgcct 360 caaattggac tttgggcata aaagaacttt tttatgctta ccatcttttt tttttcttta 420 acagatttgt atttaagaat tgtttttaaa aaattttaag atttacacaa tgtttctctg 480 taaatattgc cattaaatgt aaataacttt aataaaacgt ttatagcagt tacacagaat 540 ttcaatccta gtatatagta cctagtatta taggtactat aaaccctaat tttttttatt 600

actggcaaat atatcattga gccatatg

688

```
<210> 5
<211> 806
<212> DNA
<213> Homo sapiens
<400> 5
geggeegetg aggaggaega acatecaaee tteecaaaeg ceteceetge eccaatecet 60
ttattacccc ctccttcaga caccctcaac ctcttctggc tcaaaaagag aattgggggc 120
ttagggtcgg aacccaagct tagaacttta agcaacaaga ccaccacttc gaaacctggg 180
attcaggaat gtgtggcctg cacagtgaag tgctggcaac cactaagaat tcaaactggg 240
gcctccagaa ctcactgggg cctacagctt tgatccctga catctggaat ctggagacca 300
gggagcettt ggttetggee agaatgetge aggaettgag aagaeeteae etagaaattg 360
acacaagtgg accttaggcc ttcctctctc cagatgtttc cagacttcct tgagacacgg 420
agcccaqccc tccccatgga qccaqctccc tctatttatg tttgcacttg tgattattta 480
ttatttattt attatttatt tatttacaga tgaatgtatt tatttgggag accggggtat 540
cctgggggac ccaatgtagg agctgccttg gctcagacat gttttccgtg aaaacggagc 600
tgaacaatag gctgttccca tgtagccccc tggcctctgt gccttctttt gattatgttt 660
tttaaaatat ttatctgatt aagttgtcta aacaatgctg atttggtgac caactgtcac 720
tcattgctga gcctctgctc cccaggggag ttgtgtctgt aatcgcccta ctattcagtg 780
                                                                  806
gcgagaaata aagtttgctt catatg
<210> 6
<211> 613
<212> DNA
<213> Homo sapiens
<400> 6
geggeegeta aagagagetg taeecagaga gteetgtget gaatgtggae teaateeeta 60
gggctggcag aaagggaaca gaaaggtttt tgagtacggc tatagcctgg actttcctgt 120
tgtctacacc aatgcccaac tgcctgcctt agggtagtgc taagaggatc tcctgtccat 180
cagccaggac agtcagctct ctcctttcag ggccaatccc cagccctttt gttgagccag 240
geetetetea eeteteetae teaettaaag eeegeetgae agaaaceaeg geeaeatttg 300
gttctaagaa accetetgte attegeteee acattetgat gageaacege tteeetattt 360
atttatttat ttgtttgttt gttttattca ttggtctaat ttattcaaag ggggcaagaa 420
gtagcagtgt ctgtaaaaga gcctagtttt taatagctat ggaatcaatt caatttggac 480
tggtgtgctc tctttaaatc aagtccttta attaagactg aaaatatata agctcagatt 540
atttaaatgg gaatatttat aaatgagcaa atatcatact gttcaatggt tctgaaataa 600
                                                                  613
acttcaccat atg
<210> 7
<211> 1101
<212> DNA
<213> Homo sapiens
<400> 7
geggeegeat tgetgtgett tggggattee etceaeatge tgeaegegea tetegeeeee 60
aggggcactg cctggaagat tcaggagcct gggcggcctt cgcttactct cacctgcttc 120
tgagttgccc aggaggccac tggcagatgt cccggcgaag agaagagaca cattgttgga 180
agaagcagcc catgacagct ccccttcctg ggactcgccc tcatcctctt cctgctcccc 240
ttcctggggt gcagcctaaa aggacctatg tcctcacacc attgaaacca ctagttctgt 300
cccccagga gacctggttg tgtgtgtgtg agtggttgac cttcctccat cccctggtcc 360
ttcccttccc ttcccgaggc acagagagac agggcaggat ccacgtgccc attgtggagg 420
cagagaaaag agaaagtgtt ttatatacgg tacttattta atatcccttt ttaattagaa 480
attaaaacag ttaatttaat taaagagtag ggtttttttt cagtattctt ggttaatatt 540
taatttcaac tatttatgag atgtatcttt tgctctctct tgctctctta tttgtaccgg 600
```

tttttgtata taaaattcat gtttccaatc tctctctccc tgatcggtga cagtcactag 660

```
cttatcttga acagatattt aattttgcta acactcaget etgeceteee egateeeetg 720
gctccccagc acacattcct ttgaaataag gtttcaatat acatctacat actatatata 780
tatattttggc aacttgtatt tgtgtgtata tatatatata tatgtttatg tatatatgtg 840
attctgataa aatagacatt gctattctgt tttttatatg taaaaacaaa acaagaaaaa 900
atagagaatt ctacatacta aatctctctc cttttttaat tttaatattt gttatcattt 960
atttattggt gctactgttt atccgtaata attgtgggga aaagatatta acatcacgtc 1020
tttgtctcta gtgcagtttt tcgagatatt ccgtagtaca tatttatttt taaacaacga 1080
                                                                   1101
caaagaaata cagaacatat g
<210> 8
<211> 168
<212> DNA
<213> Homo sapiens
<400> 8
geggeegeat teetgtagae acacecacee acatacatae atttatatat atatatata 60
tatatatata aaaataaata tototattit atatatataa aatatatata tiotititit 120
aaattaacag tgctaatgtt attggtgtct tcactggatg aacatatg
                                                                   168
<210> 9
<211> 33
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide primer
<400> 9
                                                                   33
ttgcggccgc tacatgaaaa caccatttta tac
<210> 10
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide primer
<400> 10
tgcggccgcc acagcagcct ctgaagttgg
                                                                   30
<210> 11
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide primer
<400> 11
agcggccgca cttcctcaag ttccagagg
                                                                   29
<210> 12
<211> 28
<212> DNA
<213> Artificial Sequence
```

<220>	
<223> Oligonucleotide primer	
<400> 12	
ageggeeget gaagteaaca tgeetgee	28
<210> 13	
<211> 28	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<223> Oligonucleotide primer	
<400> 13	
ageggeegea ttttteeeat egetgtee	28
<210> 14	
<211> 28	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 14	
ccatatggct caatgatata tttgccag	28
<210> 15	
<211> 32	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 15	
ageggeeget eggagetttt ttgeeetgeg tg	32
<210> 16	
<211> 28	
<212> DNA	
<213> Artificial Sequence	
1213/ AICITICIAI Sequence	
<220>	
<223> Oligonucleotide primer	
<100> 16	
<400> 16	28
ccatatgaag caaactttat ttctcgcc	∠8
<210> 17	
<211> 31	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	

<400> 17	
ageggeeget gaggaggaeg aacateeaae e	31
<210> 18	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
4400, 10	
<400> 18	2.7
ccatatggtg aagtttattt cagaacc	27
<210> 19	
<211> 30	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
•	
<400> 19	
agcggccgct aaagagagct gtacccagag	30
<210> 20	
<211> 32	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 20	
aacatatgtt ctgtatttct ttgtcgttgt tt	32
<210> 21	
<211> 32	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 21	
tgeggeegea ttgetgtget ttggggatte ee	32
tycggccyca trycryci trygggarre cc	32
<210> 22	
<211> 33	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	

aacatatgtt catccagtga agacaccaat aac	33
<210> 23	
<211> 31	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
(400) 22	
<400> 23	31
tgcggccgca ttcctgtaga cacacccacc c	21
<210> 24	
<211> 16	
<212> DNA	
<213> Artificial Sequence	
•	
<220>	
<223> Oligonucleotide primer	
<400> 24	
cttgtcgacg attccc	16
<210> 25	
<211> 16	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 25	
aatcgtcgac aagttc	16
aacogcogao aageee	
<210> 26	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 26	
agctgctagc tcgagatctg	20
<210. 27	
<210> 27 <211> 20	
<211> 20 <212> DNA	
<213> Artificial Sequence	
2107 MICILICIAL Dequence	
<220>	
<223> Oligonucleotide primer	
<400> 27	
agctcagatc tcgagctagc	20

```
<210> 28
<211> 601
<212> DNA
<213> Homo sapiens
<400> 28
agagagctgt acccagagag tcctgtgctg aatgtggact caatccctag ggctggcaga 60
aagggaacag aaaggttttt gagtacggct atagcctgga ctttcctgtt gtctacacca 120
atgeceaact geetgeetta gggtagtget aagaggatet eetgteeate ageeaggaca 180
gtcagctctc tcctttcagg gccaatcccc agcccttttg ttgagccagg cctctctcac 240
ctctcctact cacttaaagc ccgcctgaca gaaaccacgg ccacatttgg ttctaagaaa 300
ccctctgtca ttcgctccca cattctgatg agcaaccgct tccctattta tttatttatt 360
tgtttgtttg ttttattcat tggtctaatt tattcaaagg gggcaagaag tagcagtgtc 420
tgtaaaagag cctagttttt aatagctatg gaatcaattc aatttggact ggtgtgctct 480
ctttaaatca agtcctttaa ttaagactga aaatatataa gctcagatta tttaaatggg 540
aatatttata aatgagcaaa tatcatactg ttcaatggtt ctgaaataaa cttctctgaa 600
                                                                   601
<210> 29
<211> 40
<212> DNA
<213> Homo sapiens
<400> 29
                                                                   40
atggcttccc tatttattta tttatttgtt tgtccaacct
<210> 30
<211> 40
<212> DNA
<213> Homo sapiens
<400> 30
                                                                   4 ∩
ggataccgaa gggataaata aataaataaa caaacaggtt
<210> 31
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide primer
<400> 31
tgcggccgca acatatgttc ct
                                                                   22
<210> 32
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Oligonucleotide primer
<400> 32
aacatatgtt gcggccgcaa gg
                                                                   22
```